



NUR MUHAMMAD SHAFIULLAH—THE TECH

LaVerde's Market, the largest and best known convenience store on campus, will no longer provide 24-hour service starting Sept. 7.

LaVerde's no longer open 24/7, shortens hours as school begins

W20 convenience store will slash hours starting today

By Sheila Baber

As the fall semester begins, some may have noticed the sign posted on the entrance to LaVerde's, the iconic late night convenience store located on the first floor of the Student Center, announcing a schedule change. "Dear guests," it reads, "We regret to inform you that we will not be returning to a 24-hour schedule for the academic year."

The new schedule, effective Sept.

7, will see cutbacks on operations during pre-dawn and early morning hours. As a popular destination for late night p-setters and general night owls, LaVerde's change in hours came as a shock to some and was met with nonchalance from others.

"It's sort of sad ... I've relied on LaVerde's when I've wanted a snack late at night. ... It is what it is ... I guess I'll have to work around it," a member of the Class of 2020 told *The Tech*.

For Burhan Azeem '19, the cutbacks struck a personal chord. "It takes a lot away from the freshman experience," Azeem said. "I remember staying up late in my freshman year and getting snacks from LaVerde's ... That's really sad."

This is not the first time LaVerde's has truncated its operation hours. In 2007 and 2008, *The Tech* reported previous instances of cutbacks in

LaVerde's, Page 6

New interdisciplinary minor to address student interest in environment & sustainability

This fall, the Environmental Solutions Initiative (ESI) is introducing a new interdisciplinary minor in Environment & Sustainability, open to students from all majors. The minor aims to provide every student an "opportunity to explore how to apply their major towards environmental challenges" and to integrate various fields including engineering, science, governance, and culture through hands-on learning.

Susan Solomon, ESI's first director, laid the groundwork for the minor in April 2014. Her successors, executive director Amanda Graham and faculty director John Fernandez, equipped with the advice of more than 40 faculty and lecturers from the five schools of MIT, saw it to completion.

Students who take this minor have to complete two core subjects, newly created for the minor, and a minimum of three electives to successfully earn a degree.

The fall core subject People and the Planet (12.387), Graham wrote, will introduce the stu-

dents to policy-making and prepare them to "work at the interface of science and government." Susan Solomon from the department of Earth, Atmospheric and Planetary Services (EAPS), John Sterman from the Sloan School of Management, and Noelle Selin from the Institute for Data, Systems, and Society (IDSS) will be teaching this subject.

"Students will negotiate a global climate agreement in an interactive role-play simulation of the UN climate negotiations called 'World Climate.' After they offer their emissions reductions pledges, students will then use an interactive computer simulation model to see what the likely impacts would be and whether their commitments succeed," Sterman wrote in an email to *The Tech*. "The model they use is no classroom toy: it is also used by negotiators and policymakers from a number of critical nations."

Students will leave the class with a better comprehen-

Minor, Page 6

For many students at the 'tute, Hurricane Harvey hits home

Administrators encourage advisors to refer students affected by Hurricane Harvey to campus resources

By Jessica Shi

MIT offered its support to students affected by Hurricane Harvey, the first major hurricane to make landfall in the United States since 2005.

Harvey ravaged southeastern Texas last week, leaving record-high rainfall in its wake. 288 undergraduate and 187 graduate students at MIT currently have a home address in Texas, Aaron Weinberger, assistant director for institute affairs, wrote to *The Tech*.

"Many people have reached out to me with concern about my family, and they told me that if they ever needed anything all I had to do was ask. It was a heart-warming experience," Isaac Toscano '21, a student from Houston, Texas, wrote in an email to *The Tech*.

Toscano's family's apartment was safely on the second floor, but their cars took on significant water damage during the hurricane; his own car floated about 25 feet away from its original position due to the winds

and was completely submerged underwater.

Allison Couch '21, also from Houston, found MIT to be "extremely accommodating" when her originally scheduled flight was canceled. "I did not know if I would be able to get out, and my advisor offered to meet electronically if I missed the meeting. The orientation office was very understanding and promised to do what they could help," she wrote to *The Tech*.

Couch and her family made it through the hurricane "mostly okay."

"There are three neighborhoods on our side of the reservoir, and ours was the furthest away," Couch wrote. "My house did not take on any water, but I have several friends in the other two neighborhoods with several inches to feet of water in their homes."

"We are fairly certain most of [my grandparents'] house will be in ruins," Couch added. "Most importantly, though, no one I know was physically injured by Harvey."

Staff from the office of Vice President and Dean for Student Life sent the names and contact information of students living in Texas to the relevant heads of house and area directors, requesting that they reach out to students to offer their help. The Fraternities, Sororities, and Independent Living Groups (FSILG) Office did likewise to notify graduate resident advisers of potentially affected students in its organizations.

Separately, Vice Chancellor Ian Waitz coordinated with advisers. He encouraged advisers to send a personal message to students from Texas and also emphasized the availability of the resources listed on the Student Resources website, in particular, Student Support Services (S3), Graduate Personal Support, Let's Chat, and MIT Medical Mental Health and Counseling.

"We've found that encouraging outreach from those closest to the affected students...is most effective,"

Hurricane, Page 10

START OF SEMESTER PSA

Don't forget to get enough sleep!

DEATH NOTE PERISHES ON NETFLIX

Whitewashing and changes aside, the live-action adaptation is an abomination.

ARTS, p. 5



SESAME STREET FOR ADULTS

Avenue Q: not your grandma's puppets. ARTS, p. 5

KEEPING UP WITH THE ATHLETES

Read about the Engineers' feats in our sports blitz. SPORTS, p. 12

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WEATHER

Rain departs the northeast as Hurricane Irma approaches the US

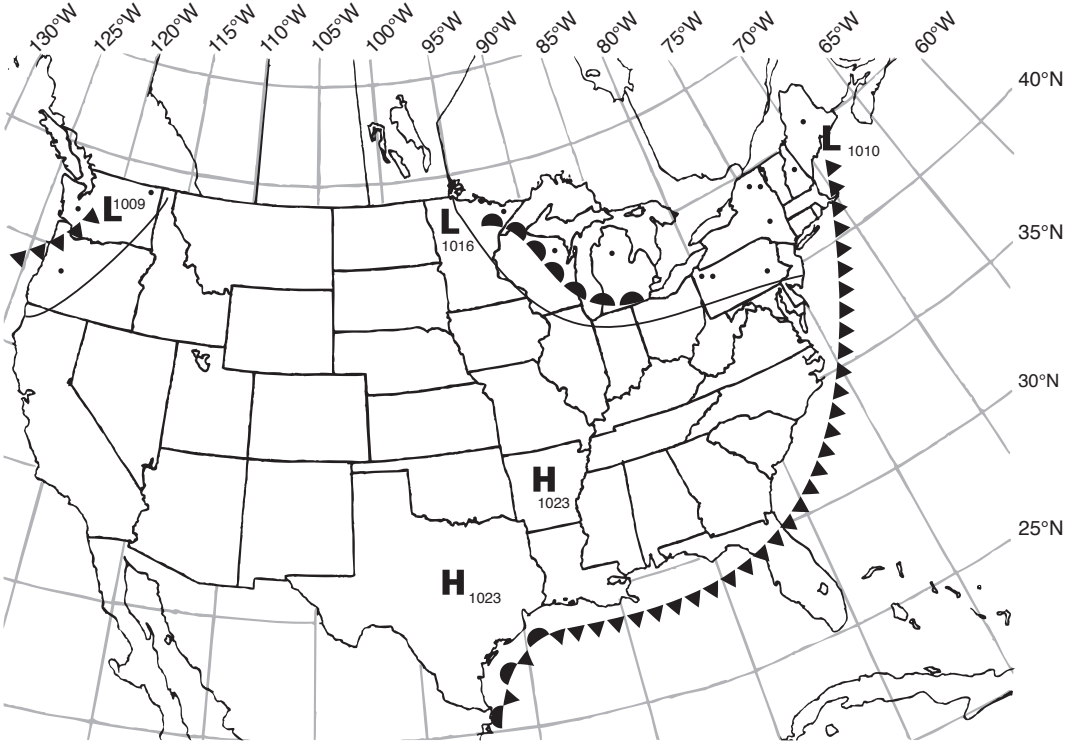
By **Jordan Benjamin**
STAFF METEOROLOGIST

The rain that marked the first day of classes for the 2017 – 2018 school year will not last long. As a cold front and its associated low pressure system move off the east coast, slightly cooler temperatures and much drier air will push into the region from the northwest. A strong high pressure center is expected to develop in their wake over the weekend, centered over New York. This high pressure system will be pivotal in determining the track of Major Hurricane Irma as it approaches the continental US over the weekend and into next week. Irma is currently located just north of Hispaniola in the Ca-

ribbean. It is forecast to approach Florida on Sunday before making a sharp right turn to the north and potentially impacting Florida, Georgia, and/or the Carolinas. The high pressure system over our region is expected to extend into the Atlantic Ocean and prevent Irma from going out to sea. Hurricane Irma made history as the strongest Atlantic Hurricane on record outside of the Caribbean Sea and Gulf of Mexico when it attained a minimum pressure of 914 mb (hPa) with 185 mph sustained winds late Tuesday. It has already impacted many of the northern Caribbean islands, and preparation are well underway in places where the storm could travel next such as the Bahamas and Cuba.

Extended Forecast

Today: Partly Sunny. High around 78 °F (26 °C). Winds SW at 10-15 mph
Tonight: Partly Cloudy. Low around 57 °F (14 °C). Winds SW at 5-10 mph.
Tomorrow: Mostly Sunny. High around 75 °F (24 °C). Low around 57 °F (14 °C). Winds W at around 10 mph.
Saturday: Mostly Sunny. High around 70 °F (21 °C). Low around 55 °F (13 °C).
Sunday: Mostly Sunny. High around 73 °F (23 °C).



Situation for Noon Eastern Time, Thursday, September 7, 2017

Weather Systems	Weather Fronts	Precipitation Symbols		Other Symbols
H High Pressure	- - - Trough	Snow	Rain	 Fog
L Low Pressure	 Warm Front	 *		 Thunderstorm
 Hurricane	 Cold Front	Light	*	 Haze
	 Stationary Front	Moderate	**	Compiled by MIT Meteorology Staff and <i>The Tech</i>
		Heavy		

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Solution to Double Play
from page 8

FONT	DISC	NATCH
AREA	OAHU	UHURA
TWO	BAGGER	MATEY
ENOS	OLIVE	ODD
LLOYD	FOUR	IRON
XLI	EAR	EIN
EIGHT	BALL	CESAR
NAHA	SPOOF	ROLE
ANTIC	TOOL	LITTLE
ROT	PAN	OFF
FOR	SHAME	BLAME
UZI	OPENS	ADAM
TONGS	ATE	AWAY
ONSET	NETS	POLE
NEEDS	TRIP	TREX

Solution to Rush
from page 8

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3	5	4	8	6	7	9	2	1
8	3	5	7	9	1	6	4	2
1	4	6	2	5	3	8	7	9
2	7	9	4	8	6	1	3	5
5	6	3	1	4	9	2	8	7
9	8	7	5	3	2	4	1	6
4	2	1	6	7	8	5	9	3

Solution to First Day of
Classes
from page 9

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2	6	4	7	5	1	3	8	9
7	2	9	3	1	6	8	4	5
6	1	8	2	9	5	7	3	4
8	3	1	4	2	7	9	5	6
9	4	2	5	3	8	1	6	7
5	9	7	1	8	4	6	2	3
1	5	3	6	4	9	2	7	8

Contra Dance

with live folk music!

Cammy Kaynor (fiddle) & John Hicks (guitar)

Tue Sept 12, 8pm

Lobdell, Stud Ctr 2nd fl

Beginners welcome!

Free for MIT/Wellesley students.



MIT Folk Dance Club

[http:// mit.edu/fdc](http://mit.edu/fdc)

File Edit Options Buffers Tools Im-Python Python Help

```
import new_skills

def learnMarketableJobSkills():
    return linux, OSX, javascript, applescript, perl, python

if you.interest == True:
    print "E-mail join@tech.mit.edu"
```

----:----F1 joinTechno.py (Python)--L1--Top-----

Major: Education

Minor: Philosophy

No-brainer:

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- + Get a **\$25 BONUS²** when you open and use a Student Value Checking account.



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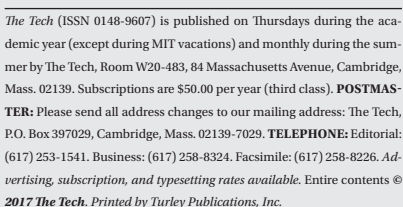
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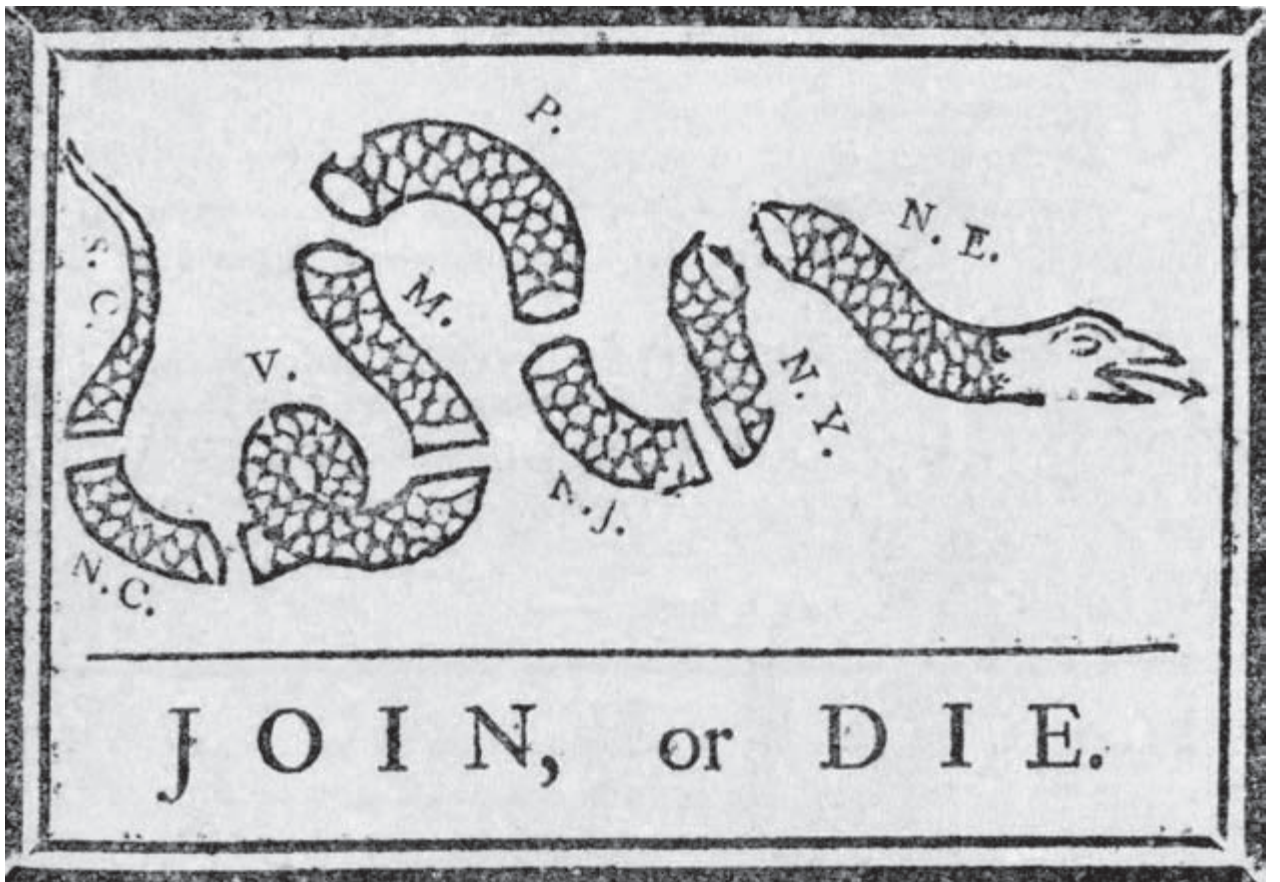
TIMING AND OTHER CONDITIONS OF THE BONUS: Your Student Value Checking account must be open and in good standing to be bonus eligible. Bonus payments will be made to your account within 120 days of account opening. Cannot be combined with other offers. One bonus per customer. The bonus is considered interest and will be reported to the IRS on Form 1099-INT. If multiple accounts are opened with the same signer, only one account will be eligible for the bonus.

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MOVIE REVIEW

Netflix’s Death Note, a rant; or, please don’t make a sequel

I know a film is not a person, but I want to write this into the Death Note

By Ivy Li
ARTS EDITOR

Every day, we see crime, bullying, and discrimination — such injustice must be stopped. Meet the Death Note, a magical notebook that kills the people whose names are written in it. So when death god Ryuk (Willem Dafoe) drops a Death Note onto Earth, high school student Light Yagami — sorry, Light Turner (Nat Wolff) — picks it up...only to get frustrated by the number of rules in it. Who knew killing people could get so complicated? Then, Light, along with his new girlfriend Mia Sutton (Margaret Qualley), uses the notebook to kill criminals while a detective named L (Lakeith Stanfield) investigates these deaths.

The Netflix film received flak in the months leading to its release, notably for whitewashing. I wasn’t surprised. American film adaptations of anime have not had a good track record (I’m looking at you, Dragonball Evolution), but I always hoped it would change. There is some level of frustration when adaptations like this, which require a smaller budget than a film like Ghost in the Shell, fail to convey anything that was compelling from the original when the original manga (and its anime and film adaptations) are presented in a silver platter.

Let’s start with “whitewashing.” I’ll state my unpopular opinion: whitewashing isn’t necessarily a problem if the white actors are the “perfect” fit for the role. The problem is that this is rarely the case. Instead, we have white actors act for Asian characters much more than Asian actors act for white characters, without consideration for character portrayal. Presently, Hollywood lacks prominent Asian roles, thus when the few Asian roles we do have do not go to Asian actors, it is upsetting.

The writers decided to switch the setting of Death Note to an American high school, with American teenagers leading the film. I would have respected this change, had it led to interesting questions. The original work tackled the morality of violence (or



COURTESY OF NETFLIX

Lakeith Stanfield and Nat Wolff in the Netflix Original Film “Death Note.”

murder) in the face of injustice. This adaptation could have looked at the relationship between racial profiling and law enforcement, at American youth activism and its utility, at current incarceration rates and prison reform; unfortunately, the film did none of that. When you degrade a work rather than elevate it, then you have no right to call it by its original name.

If the concept of the Death Note wasn’t clear: names are important. This Light is nowhere near as compelling as his Japanese counterpart, whose surname Yagami contains the character for god. In the first anime episode, church choir music belted as Light Yagami declared he would become the god of this new world. He was cunning, condescending, and brutal. His Achilles heel was his arrogance, a personality flaw that L took advantage of. Even the original L, the representative of justice, danced in the gray zone of morality, and the police force are noticeably uncomfortable with his ruthlessness. The original explored morality with Ryuk’s nihilistic glee. All that mattered was the game, the tension, the

cure of boredom. For Ryuk, humans were interesting: wind up Light like a toy and watch him go. For Light, his new god-status was exhilarating; he wrote human justice for the world.

The original also tastefully chose its humor with its character quirks (L sits awkwardly with his bare feet on his chair) and its self-awareness of the show’s seriousness (there is a beloved scene of Light Yagami declaring his consumption of potato chips to choir chants). The film adaptation takes itself seriously in all the wrong places. Several minutes of Light screaming and running away from Ryuk is out of place. It’s not funny; it’s irritating. It disrupts the content of the film, or lack thereof. If the writers intended for Light to be anywhere close to his Japanese counterpart, then they have utterly failed.

I mildly applaud the writers for giving Misa greater involvement but only with a slow, sardonic clap: Mia Sutton, ironically, is less interesting than Misa Amane; her manipulative streak is given little time to develop in the film. Misa, whose Gothic

★☆☆☆☆

Death Note

Directed by Adam Wingard

Written by Charley Parlapanides, Vlas Parlapanides, and Jeremy Slater

Starring Nat Wolff, Lakeith Stanfield, Margaret Qualley, Willem Dafoe

Now playing on Netflix

lolita fashion and obsessive love for Light might render her a weak female character, is at least given justification for her actions, as Light killed her parents’ murderer and she is indebted to him; it was her unhealthy obsession and irrationality that made her a dangerous player.

This film destroys this relationship dynamic entirely. No longer is Light the manipulator but rather the manipulated. He is manipulated by L, as per the original, but then he is also manipulated (rather, blind-sided) by Mia, and then by Ryuk, who was impartial in the original. Light is a terrified teenager who justifies himself like a child who repeats to himself that he is still a good boy. Spoiler alert: he isn’t. And in the original, he never was. Every fairytale needs a good, old-fashioned villain, and Light Yagami was he.

If it wasn’t obvious from the fan reaction, this film was a disgrace to a beloved franchise. I have one last comment: the film loves using the Dutch angle so often that it’s a fantastic opportunity for a drinking game. You might need it when you watch this.

MUSICAL REVIEW

What do you do with a B.A. in English?

Avenue Q, the college version of Sesame Street, strikes again

Avenue Q

Music and Lyrics by Jeff Marx and Robert Lopez

Book by Jeff Whitty

Kresge Little Theater

Playing Sept. 7–9 and 14–16, 2017 8 p.m.

By Ivy Li
ARTS EDITOR

MIT’s Musical Theatre Guild presents Avenue Q, Tony award-winning musical with a plethora of puppet and human residents of Avenue Q. Princeton (David Favela ’18), a re-

cent college graduate with a B.A. in English, seeks his purpose in life by moving into an apartment at Avenue Q. There, we meet his neighbors, Kate Monster (Caroline Walsh ’17), roommates Rod (Luis Orrego ’13) and Nicky (Kirsten Olson ’14), Brian (Lucas Commons-Miller) and his fiancée Christmas Eve (Thao Nguyen G), Trekkie Monster (Geoff Hegg ’17), and superintendent Gary Coleman (Lali Haines). Each character has his or her own problems to solve as they move onto the adult stage of their lives.

The cast interacts as if from Sesame Street, but with the puppeteers voicing characters through the stage. It’s a bizarre experience that offers plenty of laughs and emotions. Puppets having sex has never been more fun; you won’t see this on a kid’s show. The musical makes great use of this puppetry gimmick. Actors carry an ensemble of Muppet-like characters and sing along on the side. There’s even a dream sequence of two pup-

pets holding hands and spinning through the sky as they fly above.

Meanwhile, the Bad Idea Bears, two bear puppets that show up in imagination, give poor Princeton, well, bad ideas. Alcohol and the sultry vixen Lucy (Kitty Drexel) draw Princeton into their own “puppetry,” but nothing robs him of his common sense as much as his vain search for his higher purpose. Like most college graduates, Princeton still believes in his own worth, and fearing a committed relationship with Kate, continues his search.

But the fun is over when idealism slowly self-destructs. Bills, debt, racism, and what it means to “adult” cause our characters to question themselves. For Princeton: What is my purpose? For Kate and Trekkie: Why are Monsters treated differently? For Rod: How do I come to terms with my gay identity? Meanwhile, Christmas Eve, whose life seems the most wholesome of all the characters,

offers witty advice to each character. Usually used for laughs, her advice are actually nuggets of wisdom and insight into the other characters. When Christmas and Brian marry and leave Avenue Q for a different neighborhood, we see a glimpse of everyone else’s future, when they too settle into their careers, their relationships, and finally, themselves.

In the beginning, Princeton whines about his higher purpose so often you will get frustrated. He does face his lack of purpose, a fact Rick and Morty puts best: “Nobody exists on purpose, nobody belongs anywhere, everybody’s gonna die.” The musical concludes when the cast sings “For Now,” the musical equivalent of “carpe diem” and much more. Fundamentally a hopeful musical, this is no predatory lecture on the dangers of life; Avenue Q embraces the living, because no one is special, nothing is permanent, and regardless of the good and bad, you should stop worrying for now.

Have something to say?
Write opinion for *The Tech!*
opinion@tech.mit.edu



LaVerde’s new schedule may have been spurred by lack of sales

LaVerde’s, from Page 1

LaVerde’s hours at the start of fall semester.

In these instances, LaVerde’s cited lack of demand and short-staffing as causes for making the 24-hour schedule unsustainable. But in both instances, LaVerde’s returned to the 24-hour schedule.

“During midterms and finals we’ll definitely get back the 24 hours — we’ll do that for the students. I’ve been here on the late nights and know how necessary that is. But from what I can tell you, right now the change is indefinite,” Evan Hickey, general manager of LaVerde’s, said in an interview with *The Tech*.

When prompted for what caused the cutbacks, Hickey deferred the question to the district manager at 660 Corporation, which had acquired LaVerde’s from previous owner Frank LaVerde in 2006. The manager

has yet to reply to the questions.

In an email to *The Tech*, Matthew Bauer, director of communications and special assistant to the dean for student life, wrote that the decision was based on historical sales data and customer demand.

“We realize this is an inconvenience for students who rely on LaVerde’s late at night,” Bauer wrote. “We want students to know that MIT late-night dining service will start in Maseeh and Simmons on Sunday, September 10. Students on a meal plan can use swipes for late-night dining, and students who are not on a meal plan can pay cash or use TechCash.”

According to Bauer, there are also plans for late-night dining in the Pritchett Dining Room in Walker Memorial this fall.

For now, night owls will have to look elsewhere to satisfy their cravings.

The new LaVerde’s schedule:
Sunday: 7 a.m. – 2 a.m.
Monday-Wednesday: 6 a.m. – 2 a.m.
Thursday & Friday: 6 a.m. – 3 a.m.
Saturday: 7 a.m. – 3 a.m.

Minor, from Page 1

sion of the policies and regulations behind developing new energy technologies, and of how to present them to businessmen and media to bring about a positive change, Selin wrote in an email to *The Tech*.

Asked what impelled ESI to create the new minor, Graham cited three main factors: strong student interest, strong faculty interest, and urgent environmental changes.

To gauge student interest in environment and sustainability, ESI and the Undergraduate Association’s sustainability committee conducted a survey in 2016. Of around 880

undergraduate students, 60 percent of the respondents expressed moderate to strong interest and almost 50 percent indicated that they could see themselves pursuing a career in this field.

The four major steps involved in developing the minor included: indication of a clear rationale and interest, creation of a program structure, approval of proposal, and finally the launch of the minor, Graham wrote. “The development of the E&S Minor was a tremendously positive experience. We are excited to get the word out to students. We are ready to get started!”

—By Meenakshi Sivapriya



The first Legal Sea Foods restaurant opened in 1968. It was a small no-frills place where you paid before you ate, and the food was served on paper plates. It was a simple formula — offer only the highest quality, freshest seafood with fast and friendly service. Legal Fish Bowl is a modern interpretation of this heritage. Because five decades later, it’s still all about the fish.



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American Red Cross

MIT Community Blood Drives
Student Center La Sala - 2nd Floor

Tuesday, September 12

1 pm - 6 pm

Wednesday, September 13

8 am - 1 pm

Thursday, September 14

1 pm - 6 pm

Monday, September 18

1 pm - 6 pm

Tuesday, September 19

1 pm - 6 pm

Appointments and walk-ins are welcome! Make an appointment at <http://web.mit.edu/blood-drive/www/>

Afraid of needles? Unable to give blood? Still want to help?

Consider volunteering your time to help out at the drive! Sign up at: www.tinyurl.com/917drive

MIT List Visual Arts Center



2017 Student Loan Art Program Exhibition & Lottery

MIT students borrow an artwork by a leading contemporary artist from the List Center's collection for your living space. There are over 600 works on view to choose from. Free for all MIT students with a valid ID.

On view Sept. 5–17, 2017

Gallery Hours: Tues., Wed., Fri., Sat., Sun., 12–6 PM; Thurs., 12–8 PM
For details, visit Student Loan FAQ at listart.mit.edu.

#MITListArts



Photo: John Kennard MIT List Visual Arts Center, Bldg. E15, 20 Ames St.



Rush

Solution, page 3

			9	2	5			
6		2		1	4	7		
	5							1
	3	5				6		
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			6	7	8			

Instructions: Fill in the grid so that each column, row, and 3 by 3 grid contains exactly one of each of the digits 1 through 9.

Double Play by David C.D. Dekker

Solution, page 3

ACROSS

- 1 Book designer's choice
- 5 Blu-ray medium
- 9 Old-style "No prob!"
- 14 Zone
- 15 Aloha Tower locale
- 16 Star Trek officer
- 17 Double
- 19 Buccaneer's buddy
- 20 Grandson of 62 Across
- 21 Fruit in some salads
- 23 What this puzzle's theme isn't
- 24 Big middle name in architecture
- 26 Part of a club set
- 28 2007's Super Bowl
- 29 Eye-level receptor
- 31 German article
- 32 Pool game
- 36 Activist Chavez
- 40 Okinawa's capital
- 41 It's not serious
- 43 Function
- 44 It's not serious

- 46 Insufficient
- 48 Become inedible
- 50 Speak unfavorably of
- 51 Not quite right
- 52 "Tsk, tsk!"
- 57 Something shouldered
- 59 Commando weapon
- 60 Uncorks
- 62 First of all
- 63 Salad servers
- 65 Eroded
- 68 First stage
- 69 Brooklyn basketballers
- 70 Flag support
- 71 Gotta-haves
- 72 Getaway
- 73 Jurassic Park escapee

DOWN

- 1 Nutrition Facts info
- 2 Big Brotherlike
- 3 Retail attention-getter
- 4 Don't do it
- 5 Relentlessly follow
- 6 Aladdin parrot
- 7 Storage space
- 8 Knickknack
- 9 Keypad descriptor
- 10 "Gotcha!"
- 11 Test coach
- 12 Personal philosophy
- 13 Teacher of Beethoven
- 18 To this point
- 22 Sight: Fr.
- 25 Soft touches
- 27 Not going anywhere
- 28 '90s TV warrior
- 30 Far from distracted
- 33 Thin margins
- 34 Londoner's lav
- 35 Aerobatic maneuver
- 37 Justice since 2009
- 38 Like the WNBA
- 39 Underwater habitat
- 42 What may be lost at a gym
- 45 Emcee pair
- 47 Family tree entry
- 49 Break into
- 52 Dorm furnishing
- 53 Form of oxygen

1	2	3	4		5	6	7	8		9	10	11	12	13
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68						69					70			
71						72					73			

- 54 Salon treatment
- 55 Signified
- 56 Key in
- 58 Get used to change
- 61 Space-scanning project:

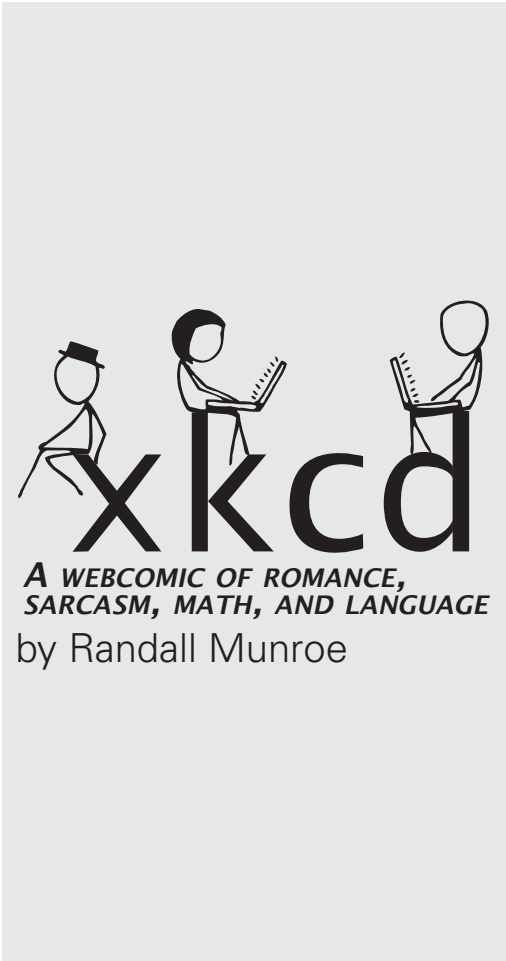
- Abbr.
- 64 HS equivalency test
- 66 Shakespearean reptile
- 67 Cowpoke nickname

First Day of Classes

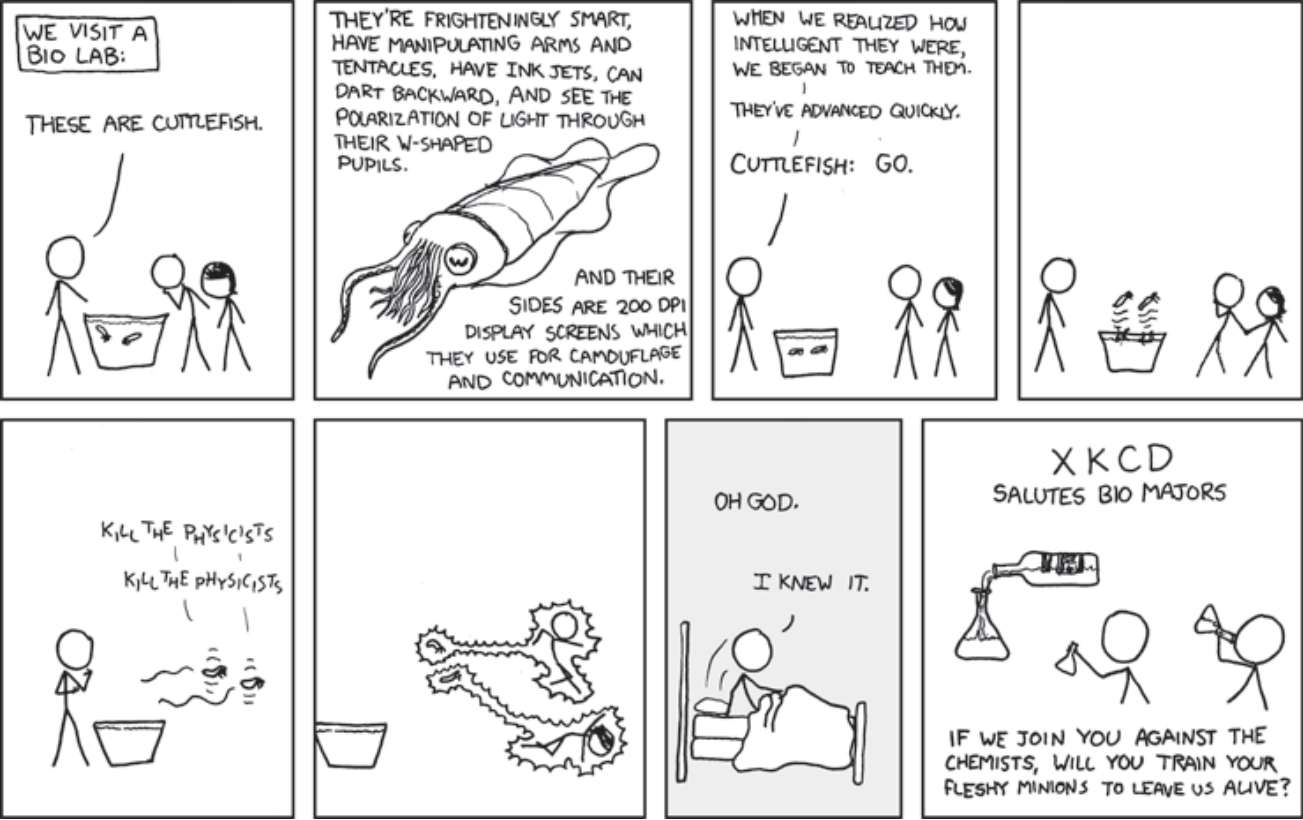
Solution, page 3

25+			24+			12+	
6x		31+			7+		1
	29+					216x	
1-			3x		26+		60x
	3x		18x				24x
72x		14x	40x		35+		
	4			3		1	4-
45x				29+			
	360x					14x	8

Instructions: Fill in the grid so that each column and row contains exactly one of each of the numbers 1–6. Follow the mathematical operations for each box.



[520] Cuttlefish



title="Unless the CS students finish the robot revolution before you finish the cephalopod one."

Hurricane, from Page 1

Weinberger wrote. "That's what the outreach from Vice Chancellor Waitz and Dean Nelson's office is designed to initiate."

Other offices and organizations across campus also reached out to students, both directly and indirectly, including Student Financial Services, who emailed students to offer assistance with financial aid and student account concerns; David Randall, senior associate dean of student support and wellbeing, S3, and the Coordination, Assistance, Response, and Education (CARE) Team, who helped individual students and families with logistical and travel issues; and the Community Services Office, who wrote to the Community Giving Ambassadors in each department with information on how to support hurricane victims through monetary support and collection drives.

Hurricane Harvey dumped 51.88 inches of rain over Houston and the surrounding area, and Texas Governor Greg Abbott estimated that the resulting damage would cost around \$150 to \$180 billion — possibly surpassing the cost of Hurricane Katrina.

“The main cause of the truly exceptional magnitude of Harvey’s floods was that the storm stalled over eastern Texas, not far from the Gulf [of Mexico]. Hurricanes are driven by heat fluxes from the sea and therefore dissipate over land, but in this case, the dissipation was slow and Harvey’s wind circulation continued to pump very moist air from over the Gulf into eastern Texas,” Professor of Atmospheric Science Kerry

Emanuel PhD '78 explained in an email to *The Tech*.

In light of recent political conditions, some scientists and news outlets have also commented on the extent to which the disastrous effects of Harvey and natural disasters of a similar scale can be attributed to climate change. David Leonhardt, a columnist for *The New York Times*, called Harvey “the Storm that Humans Helped Cause.”

According to Emanuel, in the past decade, "substantial progress" has been made by researchers in his field toward understanding how climate change affects hurricanes.

"We have used advanced modeling techniques to estimate that, if greenhouse gas emissions are not curtailed, hurricane rain of Harvey's magnitude will affect Texas with an annual probability of one in five by the end of this century," Emanuel wrote. This number is in comparison to a one in a hundred probability in 1990 and a one in fifteen probability today.

Emanuel continued, "Greenhouse gases increase the potential rate of heat flux from the ocean, which makes hurricane winds stronger. At the same time, more water vapor in the atmosphere increases the quantity of rainfall produced by a given hurricane."

Meanwhile, Hurricane Irma has made landfall on the Caribbean islands and is expected to be among the most powerful Atlantic storms in recorded history. (FSLIG) Office did likewise to notify graduate resident advisers of potentially affected students in its organizations.



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The Future of Quantitative Analysis on Wall Street

Technology is having a profound impact on Financial Services, disrupting many of the processes within the industry. Join us for a panel discussion: "The Future of Quantitative Analysis on Wall Street" – featuring several Morgan Stanley professionals – to learn more about how the industry is embracing technology within its changing landscape, and discover how your MIT degree can translate into a successful career.

5pm – 6pm
Calderón Lecture Hall
2-190

Tuesday
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Free and open
to the public

Reception to follow in the
Norbert Weiner Common room

To register for this event please visit:
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Amir Khandani PhD '09
Sened Prusac '90, '91
Vasily Strela PhD '96
Jake Xia PhD '92

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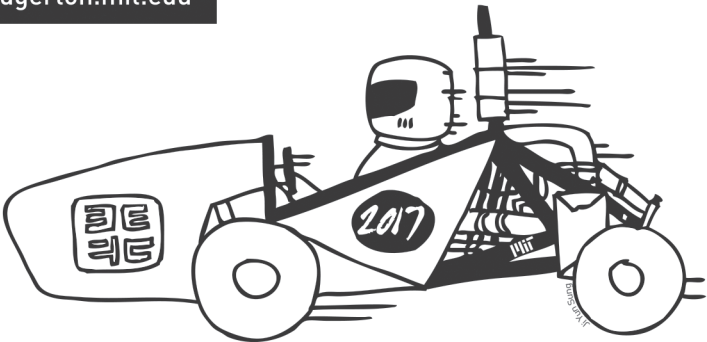
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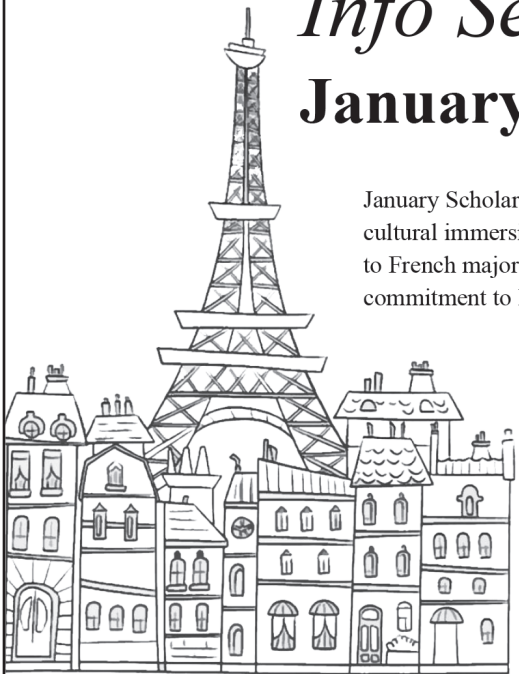
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Come to the Clubs & Teams Open House
Thursday, Sept. 7th, 6-9 PM
Area N51 (next to the MIT Museum)

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Info Session

January Scholars in France

January Scholars brings MIT undergrad to Paris for two weeks of tutored cultural immersion in Paris over IAP (Jan. 2-17, 2018). Preference given to French majors, minors, concentrators, and those with demonstrated commitment to French Studies at MIT. All expenses covered.

*Food and chat! Learn more about
January Scholars and the French program.*

WED., SEPT. 20 5PM in 14N-217

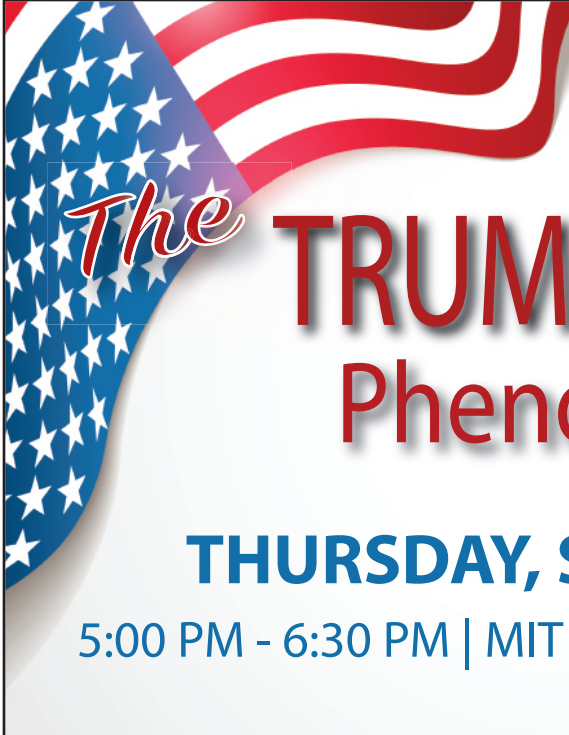
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STARR FORUM

The TRUMP-PUTIN Phenomenon

THURSDAY, SEPT 14

5:00 PM - 6:30 PM | MIT Bldg 26-100

Garry Kasparov's *Winter is Coming* and *Deep Thinking* will be signed and sold at the event.



GARRY KASPAROV

Chairman of the Human Rights Foundation, Russian chess grand-master, former World Chess Champion, writer, and political activist.



JULIA IOFFE

Moscow born American journalist who covers national security and foreign policy topics for *The Atlantic*.

Carol Saivetz and Elizabeth Wood, co-chairs | Part of the **Focus On Russia** lecture series



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The distance between today and...tomorrow



FORD DAY 2017 • Tuesday, September 12

It can be measured in years of innovation, or in moments of brilliance.
And, it can be a road you start traveling right now.
Bring your talents to Ford and help us build an even greater future, for both of us.

10:30-11:30am
Refuel Station - Refuel at the vehicle display and meet the Ford Team
Outside of Student Center - W20
Light Refreshments will be provided

1:00-2:00pm
Recharge at the vehicle display with Dr. Ken Washington
Meet the Ford VP of Research & Advanced Engineering and Chief Technology Officer
Outside of Student Center - W20
Light Refreshments will be provided

4:30-5:30pm
Ford Autonomous Vehicle Lecture - Dr. Ken Washington
VP Research & Advanced Engineering and Chief Technology Officer
Twenty Chimneys (W20-306)
Light Refreshments will be provided

9:00am-4:30pm
Vehicle Display - Student Center Plaza
Outside of Student Center - W20

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SPORTS BLITZ

Men's Football (1-0) shutout Becker College 28-0 in their season opener on Friday.

Men's Soccer (0-1-1) tied Endicott College 0-0 after regulation and two overtime periods in their season opener. They lost their second game of the week 0-2 against Gordon College.

Women's Soccer (2-0) started their season with a 3-2 victory over Brandeis University and a 5-2 win over Lesley University.

Women's Volleyball (4-0) won all four of their games 3-0 last week, sweeping their season opening Mustang Tournament.

Men's Water Polo (1-3) lost the first three games of their season opening Bruno Classic before closing out with a 17-9 victory over McKendree University.

Women's Field Hockey (2-0) won their first two games of the season with a 5-0 victory over Simmons College and a 4-0 victory over UMass Dartmouth.

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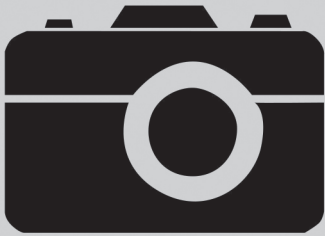
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